

Abstract of the Disclosure

The invention provides for the integration of video into electronic music technology. Cameras on instruments, such as guitars, are provided for display during performance, recording, and for creating control signals. Extraction of control signals from camera images, including patterns and gestures in 2D and 3D, may be included. All such outgoing control signals may be MIDI, and extraction algorithms may be selected and controlled by MIDI. A range of video signal generation, video signal processing, and camera image capture control functions relevant to the use of video in live performances may be controlled by MIDI to unify a common control infrastructure for a live performance environment.